

APR 14 2006

**Procopio
Cory
Hargreaves
& Savitch
LLP**
Founded 1946

530 B Street • Suite 2100 • San Diego, California 92101-4469
Telephone 619-235-1900 • Fax 619-235-0398
www.procopio.com

FACSIMILE TRANSMISSION**DATE:** April 14, 2006**TOTAL PAGES, INCLUDING COVER:** 14**To:**

NAME:	FACSIMILE NO.	TELEPHONE NO.
MAIL STOP AMENDMENT Commissioner for Patents U. S. Patent & Trademark Office	(571) 273-8300	

FROM: Richard E. Campbell, Esq.
Reg. No. 34,790

RE: U. S. Patent Application No. 09/991,532
Title: **FRAMING FOR AN ADAPTIVE MODULATION COMMUNICATION**
Filed: November 15, 2001
Inventors: Kenneth L. Stanwood et al.
Our Ref. No. 112174-014.UTL (Previously ENSEMB.031.A)

Dear Sir/Madam:

Transmitted herewith for processing are the following documents:

- 1) Transmittal Letter (1 page); and
- 2) Response to Office Action (12 pages).

112174.000014/599455.01

APR 14 2006


PTO/SB/21 (09-04)


Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/991,532	
	Filing Date	November 15, 2001	
	First Named Inventor	Kenneth L. Stanwood	
	Art Unit	2667	
	Examiner Name	Christopher P. Grey	
Total Number of Pages in This Submission	13	Attorney Docket Number	112174-014.UTL

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (12 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Copies of Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Customer No. 27189		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Procopio, Cory, Hargreaves & Savitch LLP		
Signature			
Printed name	Richard E. Campbell		
Date	4/14/06	Reg. No.	34,790

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to 571/273-8300 to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Silvia Corona	Date	4-14-06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

112174.000014/599453.01

RECEIVED
CENTRAL FAX CENTER**APR 14 2006****PATENT**
Docket No. 112174-014.UTL
(formerly ENSEMB.031.A)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Inventors:** Kenneth L. Stanwood et al.**Group Art Unit:** 2667**Serial No.:** 09/991,532**Examiner:** Christopher P. Grey**Filed:** November 15, 2001**For:** FRAMING FOR AN ADAPTIVE
MODULATION COMMUNICATION**RESPONSE TO OFFICE ACTION****MAIL STOP AMENDMENT**

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated February 8, 2006, Applicant submits the following remarks contained herein.

A complete listing of the pending claims begin on page 2.

Remarks begin on page 11 of this paper.